

Corporate News:

Best wishes on behalf of the entire management of AutoScan UK and AutoScan India Private limited to the entire team.

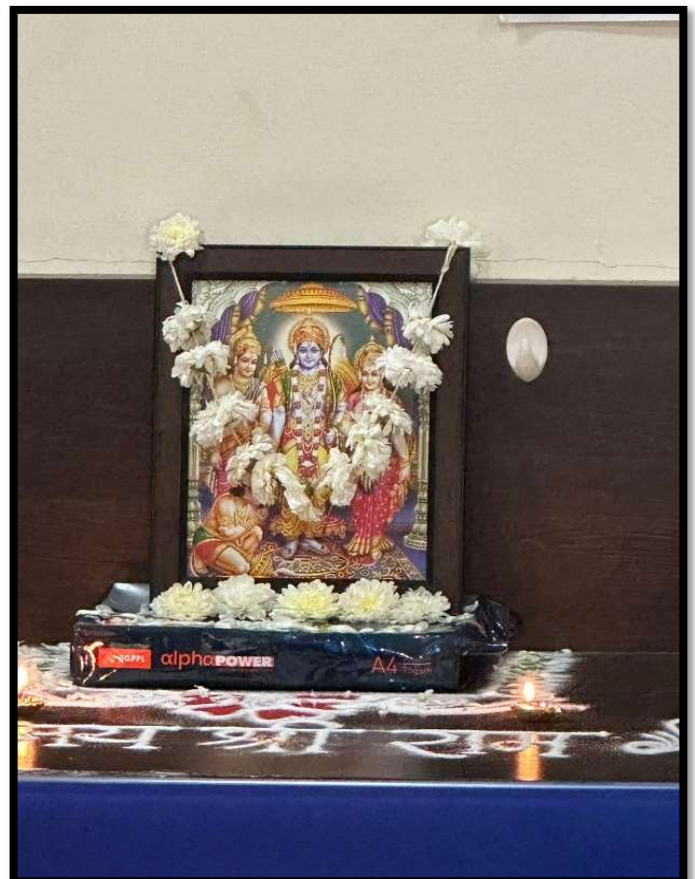
We are able to continually deliver the highest levels of service to our customers throughout PAN India and globally as we are committed and passionate about our quality services, and well aware of what we do and how we do it.

As we are an extension arm to our customer's team everywhere, we are able to provide the services on time as per the changing business needs and get the best in CSR from our customers.

In the month of January, we extended our wings in the Southern region at CAT, Hosur facility where we have joined hands with global customers to provide the best services. Hoping to join hands with more new Customers and give our best in services to our existing Customers.

Though there were some ups and downs in our journey we have given our best and continual support to our customers.

In the mid of January, we witnessed and celebrated the grand consecration ceremony of the Ram temple in Ayodhya on 22 January.



We also have celebrated birthday celebrations of team members:



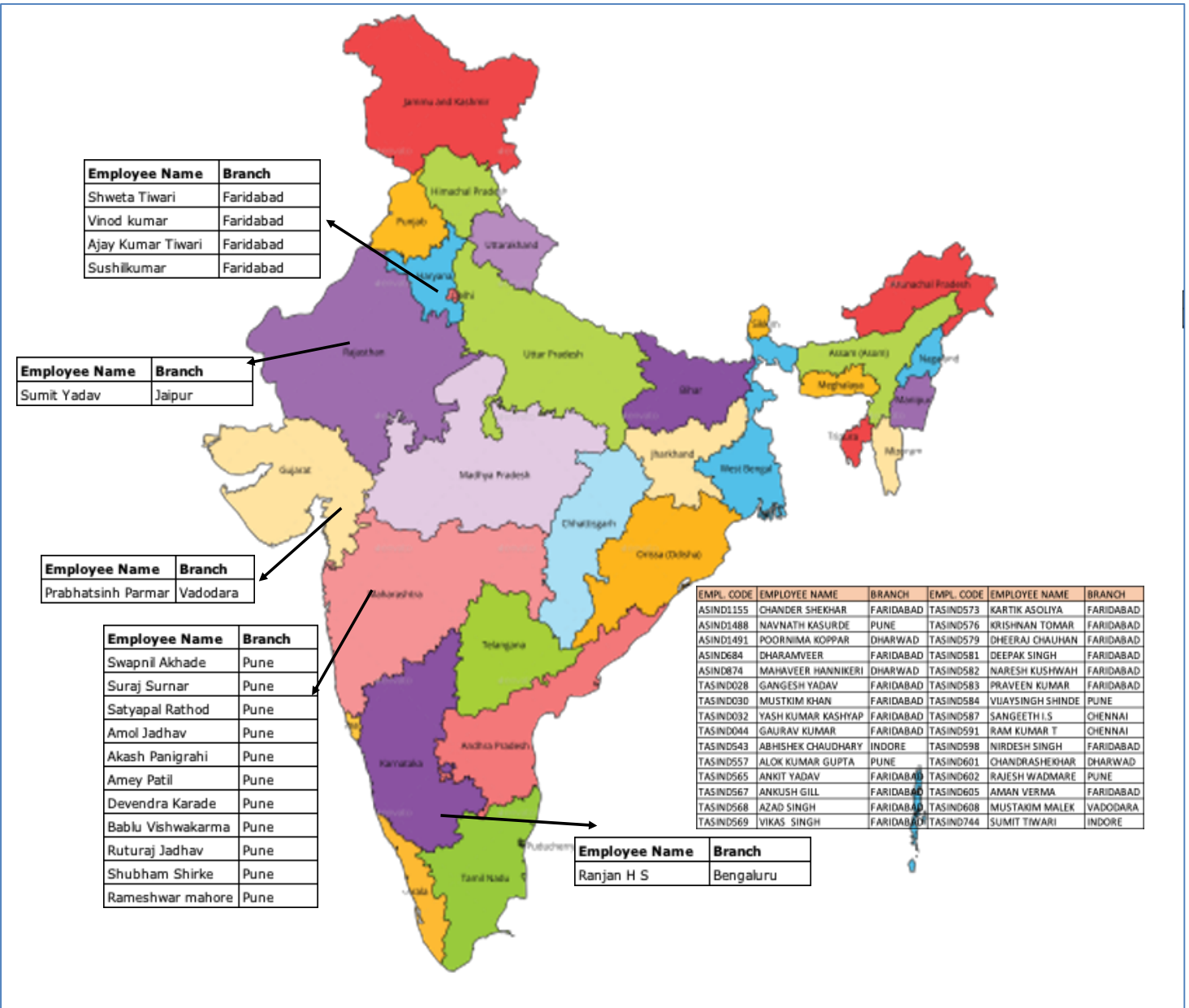
Welcome On Board



“We are thrilled to extend a warm welcome to you as the newest member of our team! Your arrival marks an exciting milestone for us, and we are eager to embark on this journey together. “Welcome in the team” is not just a phrase for us; it embodies our commitment to fostering a supportive and inclusive work environment where every individual’s unique talent and perspective are valued. As you settle into your role, you’ll find that our team is dedicated to collaboration, innovation, and achieving common goals.

We encourage you to bring your fresh ideas and enthusiasm to the table, as they will undoubtedly contribute to our collective success. If there’s anything you need or any questions you have, don’t hesitate to reach out. Once again, welcome aboard, and let’s accomplish great things together.

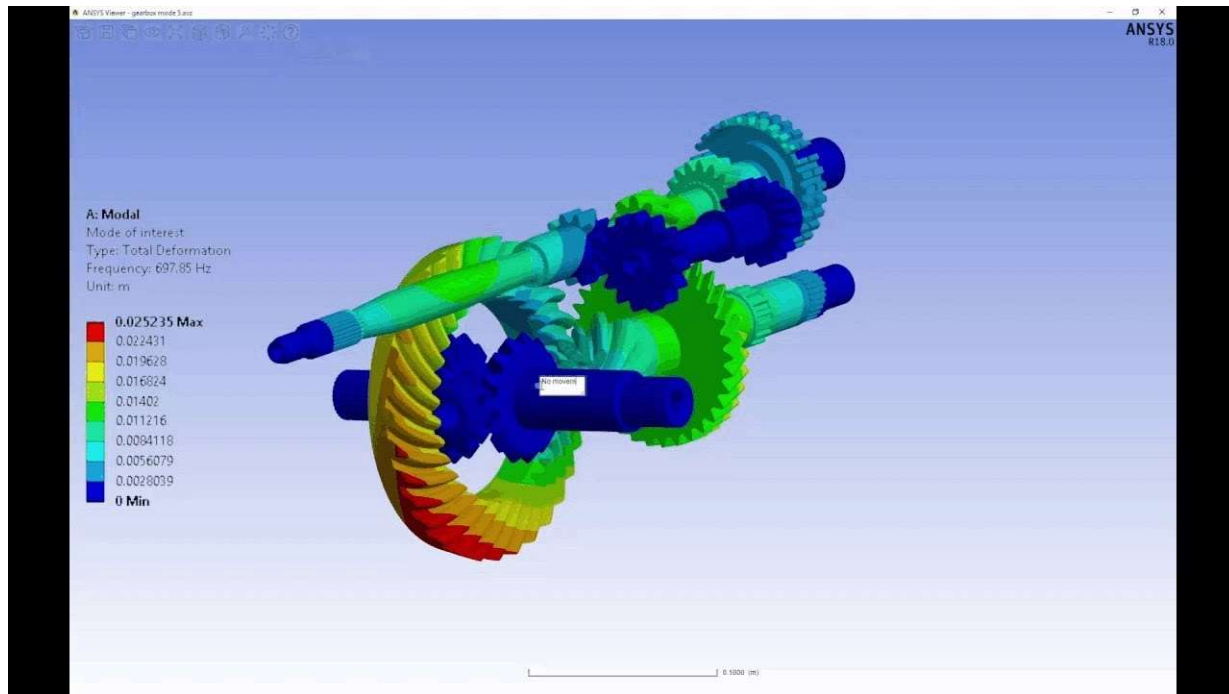
Location wise Team Members Joined us in January 2024 & Members Celebrating the Work Anniversary with AutoScan.



Topic: Design Simulation

Design simulation helps manufacturers verify and validate the intended function of a product under development, as well as the manufacturability of the product. The word “simulation” is often used as generic term for computer-aided engineering (CAE). Several design simulation approaches have become standard components of product development in many industries, and they continue to grow in importance as inexpensive, faster computers and affordable, easy-to-use design simulation software allow users to address new technologies and applications.

Simulation models are sets of mathematical equations representing the behavior of the system in a physical domain of interest. The complexity of mathematics depends on availability of data and varies in function of the application and the design stage.

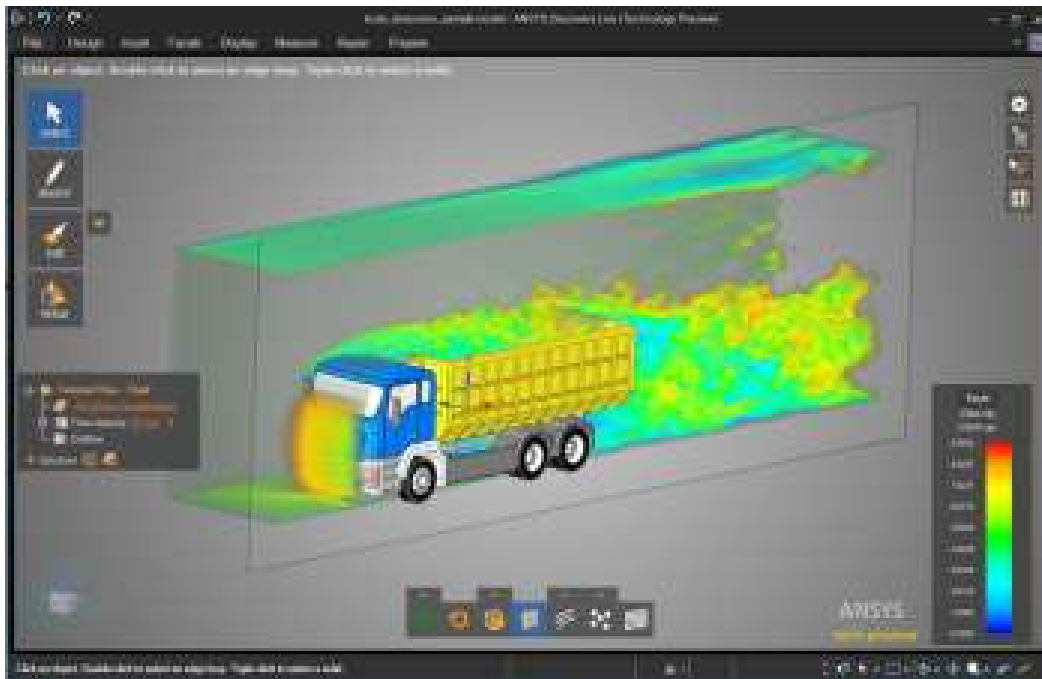


In early development, typically more simple system representations use analytical assumptions and verify the interaction between several physical aspects on a concept-level. In late development stages, typically very complex, application-specific models are used for validation and refinement. The applications can cover aspects such as structural behavior, acoustics, system dynamics, crashworthiness, thermal and flow analysis, stress analysis, fuel economy, controls development and much more.

Design Simulation for Virtual Testing & Validation

Design simulation can include a wide range of analyses that virtually test the behavior of a product under various operating and environmental conditions. As opposed to trial-and-error, a smart simulation process allows targeted implementation of design choices in various stages of the development cycle. This drastically reduces the need for recurrent, time-consuming testing on expensive physical prototypes, and subsequently shortens the total development time.

An effective design simulation process helps companies reduce development costs and bring innovative products to the market faster than the competition.



Benefits of Design Simulation:

- Reduce product development costs and time by avoiding recurrent physical prototype testing and improving quality
- Make design decisions considering their impact on functional performance and manufacturing
- Balance different functional aspects during concept development
- Reduce cost and increase design efficiency by removing unneeded material and weight.
- Provide performance and manufacturability insights earlier in the development process
- Leverage detailed, attribute-specific models for validation and product refinement
- Provide results through simulation models which are hard or even impossible to measure on physical prototypes
- Virtually test simulation models under extreme operational conditions.