

COMPANY

Hyder Consulting

LOCATION

Bengaluru, Karnataka

SOFTWARE

Autodesk® AutoCAD®
 Autodesk® Civil 3D®
 Autodesk® Naviswork®
 Autodesk® 3ds Max® Design

Adding edge to engineering

Hyder Consulting uses the Autodesk Certification Program to its advantage by boosting their teams' competencies to stay ahead of competitors

We appreciate Autodesk's support on training and helping our engineers getting certified on their tools, which eventually help us in delivering our projects effectively and making our clients happy.

— **Mandar R. Chaphalkar**
 BIM Leader and
 Associate Technical Director
 Hyder Consulting India Pvt. Ltd.



Image courtesy of Hyder Consulting

About Hyder Consulting

With a heritage spanning over two centuries, Hyder Consulting (an ARCADIS company) is one of the world's foremost design and engineering consultancies with specialized foci on infrastructure, property and environment solutions. Its sound reputation in combining design excellence with innovation has resulted in the creation of internationally-renowned landmarks and schemes such as the Burj Khalifa, Sydney Harbour Bridge, Cairo Wastewater Scheme, Qatar's Capital Market Tower, Frankfurt Airport's new runway, Taiwan's high speed rail network and London's Tower Bridge.

The firm's multinational team of over 4,600 consultants and support staff, spread across five regions and two state-of-the-art design quality hubs, stand out in applying both global and local expertise to generate award-winning projects for its clients and their stakeholders. With a vision to be the next evolution in design engineering and consultancy, Hyder places utmost importance in continuously strengthening core competencies and surpassing high standards to keep ahead of its competition through the use of new technologies.

Project summary

Hyder Consulting has been commissioned to design and supervise the new six-lane Doha Expressway, by Ashghal, Qatar's Public Work Department. This prominent development project is part of Qatar's elaborate Expressway Program, which will connect key cities, towns and villages with high-quality national freeways and urban arterial routes; thus providing the country with vital transportation links. Addressing key challenges like minimizing land-taking within the scheme's urban infrastructure, Hyder has used intelligent 3D modeling and Autodesk® software including Autodesk® AutoCAD®, Autodesk® Civil3D®, Autodesk® Naviswork® and Autodesk® 3ds® MAX Design to put together the complex network of the Expressway, associated structures and utilities within the available footprint of an extremely narrow corridor. The comprehensive features of Autodesk software allowed Hyder to make faster and more informed decisions through an integrated combination of model-based design, analysis, simulation and visualization. Bidirectional associativity and worksharing helped in further optimizing efficiency and collaboration between design teams bridging three continents.

Autodesk Certification has proved to be an ideal tool in enhancing the firm's edge and reputation as an industry leader



Image courtesy of Hyder Consulting

How Autodesk Certification provides a winning edge to Hyder Consulting

With Hyder Consulting focused on augmenting skill building and using innovative technologies to steer ahead of its contemporaries, the Autodesk Certification Program has proved to be an ideal tool in enhancing its competitive edge and reputation as a leader in design excellence and engineering innovation.

The organization has continued to maintain the highest of standards in the trade by gaining from the Program's basis of validating proficiency and providing industry-accepted credentials in the use of Autodesk software. This has also facilitated Hyder's endeavor to foster an environment in which their employees can

realize their potential and capacity to work as an experienced and knowledgeable team that delivers the best for its clients on a wide range of highly-specialized projects.

Partha Sarkar, BIM Leader - Hyder Consulting India Pvt. Ltd. underlines, "Autodesk's Certification Program on Autodesk Civil 3D helped in boosting the confidence of some of our expert engineers working on global Infrastructure projects delivery. We have been using Autodesk products on many of our projects across the globe due to their obvious advantages and user-friendly interfaces. We would like to specifically mention the advantages of Autodesk Civil 3D on one of our major Infrastructure Transportation Projects in the Middle East regions. We have been

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successfully using Autodesk Civil 3D and other BIM tools from Autodesk in the complete life cycle of projects."

The result

With an exemplary track record, Hyder Consulting has honed its objective of being at the helm of design and engineering consultancies with the Autodesk Certification Program.

Mandar R. Chaphalkar, BIM Leader and Associate Technical Director - Hyder Consulting India Pvt. Ltd. says, "We appreciate Autodesk's support on training and helping our engineers getting certified on their tools, which eventually help us in delivering our projects effectively and making our clients happy."