

COMPANY

Jurong Consultants

LOCATION

Bengaluru, Karnataka

SOFTWARE

Autodesk® Revit®
 Autodesk® AutoCAD®
 Autodesk® Naviswork®
 Autodesk® 3ds Max® Design

Empowering innovation

The Autodesk Certification Program helps professionals at Jurong Consultants gain skills and credibility in their endeavor of building innovation

Autodesk Certification has helped us validate the skills and knowledge of our people. It has accelerated their professional development, improved our productivity and facilitated us to get the best of our software investment.

— Shiny Stephen
 BIM Manager
 Jurong Consultants



Image courtesy of Jurong Consultants

About Jurong International

Known for its significant role in partnering Singapore across its transition to industrialization, Jurong International has established itself distinctively by adapting to changing market conditions and performing in challenging environments spanning a journey of five decades. The company's identity as an organization driven by innovation is reinforced with multi-disciplinary teams of diverse professionals ranging from architects, engineers and planners to specialists in laboratory design, sustainable development and underground storage who combine to offer an entire value chain of integrated services. The skilled domain knowledge of accredited experts working together in the Consultancy, Design & Build and Facilities Management divisions has given Jurong International the proficiency to successfully complete a vast network of projects across 150 cities in 47 countries. Extensive experience in shaping ecologically-sustainable concepts and displayed prowess in analytical capabilities for evaluating building or environmental performance underlines the firm's dedication to the green agenda as well. Aspiring to be the globally-preferred service provider in the built environment, the firm has proved its competencies in extending comprehensive consulting services in all of its

aspects with inventive solutions that highlight Jurong International's commitment to achieving excellence.

Project summary

One of the most prominent projects of Jurong Consultants, Technocity-Suntec is a state-of-the-art Information Technology campus spread over ten acres in Thiruvananthapuram, Kerala. The scheme is planned to achieve Singapore Green Mark – Platinum to set precedence as the first of its kind in India. Engaging the firm's cohesive expertise in this scope, the development comprises pedestrian-friendly environmental decks, landscaped gardens and a central man-made lake as some of its key features.

The building blocks have been designed to be North-South facing so that both thermal performance and wind flow are optimized for the entire project. Jurong Consultants has conceived the campus as a groundbreaking design that is conducive to growth, accumulation and integration with nature while functioning as a humane and synergistic work environment. The massing of the proposed building along with the podium opening and the hovering clubhouse make intelligent use of the site's available wind direction by maximizing natural ventilation. As the overall development

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will be in four phases, the podium levels and adjoining environmental terraced decks will also follow the segments of construction. The first phase of the campus encompasses an iconic 78-metre high tower with a total built up area of 11,000 sqm and a striking overhang from a volume of sky gardens.

Technocity-Suntec has been designed completely on Autodesk Revit, which has augmented Jurong Consultants' multidisciplinary service delivery through the comprehensive solutions of Building Information Modeling (BIM). Dr. Uma Maheswaran, CEO (India) - Jurong Consultants & Senior Vice President (Sustainable Urban Solutions, Singapore) points out, "Information is key to any domain and with our extensive use of Autodesk BIM Portfolio Products, increased productivity and ability to minimize change during implementation has become our key value drivers for our clients aiding in realizing their vision of achieving a zero variation tender sum practice in conjunction with a fast track delivery time for projects. We also give better traceability and visibility to our clients across the different desired dimensions of time, cost, quantities, performance and maintenance. Our professionals have not only demonstrated

consistency in enhancing their learning aptitude on BIM but also time and again proven that they could stand up to any level of international certification. We take BIM seriously as an integrated practice component and the certification process was a self-evaluation parametric for us".

How Autodesk Certification helped benchmark Jurong's capability

Developed to objectively validate the skills and knowledge of anyone who uses Autodesk software, the Autodesk Certification Program helps enhance the competitive edge and reputations of organizations that work with it while providing an industry-accepted credential that is beneficial for both individual and organizational growth.

At Jurong Consultants, preparing for Autodesk Certification has allowed the team to not only strengthen existing skills but also develop new attributes, which have extended the abilities of the firm as a whole. In-step with the organization's core belief in innovation, the program has enabled people to break out of the drudgery of everyday drafting and instead focus on their exhaustive bandwidth of specialized services with contemporary tools of the trade

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BIM Manager
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such as Autodesk Revit, Autodesk AutoCAD, Autodesk Naviswork and Autodesk 3ds MAX Design. Earning this certification has brought recognition amongst peers thus instilling confidence and providing them with the opportunity to be at par with topmost industry standards.

"Autodesk Certification has helped us validate the skills and knowledge of our people. It has accelerated their professional development, improved our productivity and facilitated us to get the best of our software investment," says Shiny Stephen, BIM Manager – Jurong Consultants.

The result

With the program demonstrating how Autodesk Certification empowered professionals by gaining knowledge on its industry-specific software that optimizes efficiency, time, money and resources, Jurong Consultants has made the qualification an imperative requirement.

Shiny emphasises, "We have improved our workforce and added a new perspective to our hiring decisions, which will help us in maximizing our manpower investment. We have made Autodesk Certification as one of the critical tools in our hiring process so that it allows us to benchmark the professionals we seek".



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