



## REDAS-SJ IDD Training Series: Integrated Digital Delivery (IDD) Implementation for your project

### Course Overview

Design and construction of built-assets is a complex time driven process, which requires close coordination between the owner, consultant, contractors, project manager and other building specialists. To deliver smart buildings, it is imperative to say that collaboration and integration of digital technologies across this wide spectrum becomes the key driving force. IDD tries to bridge this collaborative approach by a series of integrated digital technologies. To deploy IDD in the built environment, it is important for all the stake holders of the project to understand the goals / objectives and the underlying principles and technologies of IDD such as Building Information Modelling (BIM), Virtual Design & Construction (VDC), Augmented Reality & Virtual Reality (AR/VR), Computational Design, Digital Assets Management, and international standards for project delivery and information management such as ISO-19650. There is bright scope for IDD in the future, which might encompass using computers and digital technologies such as AI and Machine learning for Building Design and Automation, Robotics & IOT for construction and maintenance of buildings.

This half-day course is designed to educate developers and their value chain partners how IDD will impact the entire life cycle from design to fabrication to construction to maintenance. The intended audience are all the members of a project team.

### EVENT DETAILS

<b>Date:</b>	5 March 2021 (Friday)
<b>Time:</b>	2.00pm – 5.30pm
<b>Venue:</b>	More information and the access link to join the session will be shared after confirmation of registration
<b>Fees:</b>	S\$267.50 (REDAS Members) S\$321.00 (Non-Members) <i>(*the quoted prices are inclusive of GST)</i>
<b>CPD:</b>	Pending

For eligible members of the Singapore Business Federation (SBF), this Capability Upgrading activity qualifies for support under the SBF Rising in Support of Enterprises (RISE) Programme.

### Learning Outcomes

At the end of this course, participants should be able to:

- Have a clear understanding on the scope of IDD processes;
- Understand and appreciate various processes of IDD;
- Appreciate various tools and technologies involved in implementing IDD.

### Who Should Attend

Building Owners, Developers, Project Managers, Architects, MEP Engineers, Quantity Surveyors, FM Service Providers, Contractors

### Course Structure

- IDD Scope & Content
- Digital Design
- Digital Fabrication
- Digital Construction
- Digital Asset Management

### Course Schedule

Time	Agenda
2.00pm – 2.15pm	Overview on IDD
2.15pm – 3.30pm	Scope and IDD Processes
3.30pm – 3.45pm	Break
3.45pm – 5.00pm	Case Study on IDD Deployment in a Project
5.00pm – 5.30pm	Q & A

### Trainer's Profile



**Mr Chandrashekhar Hampiholi**  
**Principal BIM Manager**  
**Surbana Jurong Consultants Pte Ltd**

Having more than 30 years of international industry experience in Architecture, Project Management & Construction, Chandra's expertise extends beyond into the realms of Digital Design such as CAD, BIM, GIS, IDD & Computational Design. He is able to lead Project teams in implementing IDD processes such as BIM documentation and Virtual Design and Construction. He has successfully delivered large-scale projects in the capacity of BIM Manager / BIM Lead in Singapore and elsewhere in the world.

Currently as Principal BIM Manager at Surbana and Jurong, Chandra is spearheading the deployment of BIM and IDD processes in various verticals of the organisation. He is also responsible of the BIM and IDD governance and maintains the BIM and IDD standards for Surbana Jurong. As a part of BIM deployment in the company, Chandra is also responsible for training large segment of Architects and other building professionals in BIM and Computational tools on a regular basis.

[Download Registration Form](#)

Thank You & Best Regards,

Elaine Dang

Manager, Professionalism & Productivity

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