

SEMINAR ANNOUNCEMENT

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
FACULTY OF ENGINEERING

Website: <https://www.eng.nus.edu.sg/ece/>

Host: Prof Dipti Srinivasan

Jointly Organized By:

**IEEE Computational Intelligence Society (CIS) Singapore Chapter, and
GEMS, NUS**

TOPIC	:	Data in Manufacturing Business – Impacts, Challenges, and Solutions
SPEAKER	:	Mr. Partha Ray Founder & CEO, dDriven
DATE	:	Tuesday, 17 August 2021
TIME	:	3.00PM to 4.00PM
WEBINAR	:	Kindly note that registration is mandatory. Please proceed with your registration using the link: https://hubs.li/H0SxdwH0

ABSTRACT

A manufacturing business needs complex coordination of various interdependent activities among HQ, sales & marketing, supply chain, manufacturing plants operations, etc. As the market is volatile (e.g., prices of crude oil, utilities, etc. widely vary each day), the performance of any business depends heavily on the quality of cross-functional coordination. This coordination, in turn, depends on the performance and interplay of the constituent machines, materials, processes, and people – which are also volatile and somewhat unpredictable in terms of performance.

All manufacturing activities generate data in some form or the other, e.g., through PLC, DCS, manual logs, IoT sensors, MES applications, Trading, sales, Finance, & other applications, and various Excel sheets. Today this data is more critical and valuable than the individual systems that produce the data. Businesses now know that they must leverage this data even to stay viable. However, data is also the biggest reason for the failure of most of the ambitious Digital Transformation, Analytics, and AI/ML projects.

This webinar will discuss, the “value” of industrial data, the nature of industrial data, challenges associated with it, and some best practice examples from the field.

The webinar will also delve into how dDriven is helping Fortune 500 Manufacturers squeeze value out of their data with its UNLSH (pronounced unleash) platform – an Industry 4.0 data platform purpose-built for removing the complexities of IT/OT systems and enabling operationalization of contextualized data at scale.

BIOGRAPHY

- 37 Years of Rich Experience in the Manufacturing Industry
- Engineer by both Passion & Qualification
- Roles panned across being a commissioning engineer for drives and control systems at the beginning of his career all the way to running transnational business operations across Asia.
- Shifted gears from the control and automation world in 2005 to set up an “Operations Intelligence” business unit in Asia Pacific within a large conglomerate – an “Intrapreneurial Venture” that became highly successful and was added to the conglomerate’s “Digital Portfolio.”
- Joined dDriven as the Founder & CEO in 2017 – a pioneering Industry 4.0 Data Platform company based out of Singapore, serving Fortune 500 companies in Asia and Europe.

<https://www.eng.nus.edu.sg/ece/highlights/events/>