



# DRL028 Blockchain Applications in SCM

**Credits:** 5 ECTS

**Time:** Week 49, 30 November to 4 December 2020

**Place:** Online Course

**Application deadline:** 15 November 2020

**Application form:** [:https://nettskjema.no/a/134696](https://nettskjema.no/a/134696)

## About the course

Supply chains drives the macro economy and global markets. The push towards digitalization and environmental sustainability have intensified the need for interoperability among organisations. Blockchain technologies facilitate coordination of spatially dispersed complex tasks at a low cost. This PhD-course will present current research on blockchain applications in supply chains, and offer an opportunity to discuss future applications and research on information sharing in extended supply chains.

[www.himolde.no/english/research/events-articles-and-news/events/conferences-and-seminars/2020/drl028-phd-course-blockchains-in-scm-2020.pdf](http://www.himolde.no/english/research/events-articles-and-news/events/conferences-and-seminars/2020/drl028-phd-course-blockchains-in-scm-2020.pdf)

The course is free of charge.

### Recommended requirements:

Accepted as a PhD student in supply chain management program, information systems program or similar. Pre-course preparation by reading papers provided upon registration as well as completing a questionnaire.

**Evaluation:** Presentation of your design of an academic paper on a topic related to the curriculum.

**Grades:** The grades will be Pass/Fail.

### Instructors:

[Nitin Vasant Kale, Professor of Information Technology Practice, University of Southern California, USA](#)

[Arvind Upadhyay, Senior Lecturer, Brighton Business School, UK](#)

[Svein Ølnes, Researcher, Western Norway Research Institute, Norway](#)

[Bjørn Jæger, Associate Professor, Molde University College, Norway](#)

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## PhD Course Week 49

- Monday 30 Nov - Introduction to blockchains in supply chain management (Jager, Kale)
- Tuesday 1 Dec - Blockchain concepts  
- Paper walkthrough & discussion  
- Group work: Select a problem for an academic paper
- Wednesday 2 Dec - Blockchain concepts in Supply Chains  
- Blockchain governance  
- Paper presentations & discussion  
- Group work: Work on the selected research problem
- Thursday 3 Dec - Blockchain concepts in Supply Chains  
- Paper presentations & discussion  
- Paper walkthrough & discussion  
- Group work continued
- Friday 4 Dec - Presentation of research paper draft  
- Research profile for each PhD student  
- Summary

## Instructors

Nitin Vasant Kale



Professor of Information  
Technology Practice and  
Industrial and Systems  
Engineering Practice  
USA

WArvind Upadhyay



Senior Lecturer, Brighton  
Business School,  
Centre for Change,  
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