



**Seminar Topic:
Advanced Manufacturing and Engineering in RIE2020**

Adjunct Assistant Professor Karthik Kumar

Abstract

The current quinquennial research funding cycle – Research, Innovation and Enterprise 2020 – started on 1 April 2016 and will run through to 31 March 2021. There are several differences between RIE2020 and its predecessor, RIE2015. I will give an overview of the RIE2020 Plan, including the domain structure of funding, before zooming down into the Advanced Manufacturing and Engineering domain, A*STAR's role in this, the Future of Manufacturing initiative and how advanced materials are envisioned to play a role in this.

Biography

Adjunct Assistant Professor Karthik Kumar is currently the Head of the Chemicals, Materials and Energy Cluster in the Science and Engineering Research Council (SERC) in the Agency for Science, Technology and Research (A*STAR), and has been in this current position since December 2015. He is concurrently appointed as an adjunct faculty member in the School of Materials Science and Engineering, Nanyang Technological University, Singapore since September 2017.

His main roles in A*STAR include Technology Foresighting, Programme and Organizational Development, and supporting A*STAR senior leadership in the development and implementation of various initiatives. He is in charge of three of A*STAR's research institutes, i.e. IMRE, ICES, and EPGC, which oversee about 600 research staff.

**Wednesday, 24 January 2018 || Time: 2:00 pm – 3:00 pm
Venue: MSE Meeting Room (N4.1-01-28)
Hosted by: Nanyang Assistant Professor Liu Zheng**