

**IIM**

Metallurgy Materials Engineering  
The Indian Institute of Metals, Rourkela Chapter

## THE INDIAN INSTITUTE OF METALS

### ROURKELA CHAPTER

cordially invites you to join an  
IIM Webinar Talk on

## ZERO WASTE - RESEARCH ON TECHNICAL SUSTAINABILITY and HIGHER EDUCATION - WHAT TO THINK?

By

**Dr. S K Ramamoorthy**

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University of Borås, Borås, Sweden

### DATE AND TIME

**4th June 2021**

1. "Zero waste - Research on technical sustainability", 6-6:45 PM IST
2. "Higher education - what to think?" 7-7:30 PM IST

### MS TEAM LINK FOR THE EVENT

<https://teams.microsoft.com/l/meetup-join/19%3apeQLyW5bntWeGjJINdT-wdyiKyljXg4DtY1XAJRNKzM1%40thread.tacv2/1622264069214?context=%7b%22id%22%3a%22bad12864-913e-4b99-87d6-b8d2ad459e27%22%2c%22oid%22%3a%221405e08f-48e6-42fb-b9e1-7bf443e14231%22%7d>

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## ABSTRACTS

### Zero waste – research on technical sustainability

Huge waste generation and subsequent handling have been a global problem for decades. Governments, private actors and individual citizens came together in several parts of the world to address the issue. After a limited success in the beginning, researchers saw a huge potential in the field and started to explore. This presentation covers the development of successful technical methods to produce valuable resources from waste in order to enable a transition to a circular economy in society. The focus will be on addressing the sustainability through engineering solutions.

### Higher education – what to think?

Many Indian students move to western countries to study and build a career. Success stories of these students can be seen and heard globally. However, several students struggle to complete their education, some struggle to adapt to the new environment and many struggle to find jobs. As an Indian who moved to Sweden for education and built a career here, I present the challenges in moving abroad, differences in the education system and adaptation to the new environment.

### ABOUT THE SPEAKER



Dr. Sunil Kumar Lindström Ramamoorthy teaches and conducts research at University of Borås, Sweden since 2011. He works in the field of resource recovery and sustainability. Sunil is a member of the university board that makes the decision on university's functioning and paves the way for the future of the university. He has given guest lectures in universities across Sweden, Finland and India. Sunil has authored seventeen articles and five book chapters in international journals and publishers. He has presented the work in conferences across Europe, Asia and America. He hosted and co-hosted several research projects at University of Borås. Since 2016, he presents the work of the Nobel prize laureates in Sweden.