

## 5.0 ReFuture Lab: Designing for Long Term Sustainability

### COURSE FACULTY **Håkan Edeholt**

Professor (Industrial Design)



#### Education:

2004 PhD in Innovative Design, 1994 MA in Industrial Design

#### Experience:

Before the current position, Håkan held an associate professorship at Malmö University in Sweden. However, before his academic career he worked with; Theater (6 yrs as technician), Development work (4 yrs as craft instructor in East Africa) and since 1992 as an Industrial Design consultant.

### CO-FACULTY

### **Jomy Joseph**

Phd Fellow (Industrial Design)



#### Education:

Masters in Industrial Design, IIT Delhi, India, (2011-2013)  
Masters in Industrial Design, The Oslo School of Architecture and Design, Norway (2016-2018)

#### Experience:

Previously employed as "multi-modal" designer in varying roles as Industrial Designer and UX Designer in India in various startups and design consultancies before moving into research into long term sustainability in Norway.

### Keywords

ReFuturing, Climate Emergency, Sustainability, Design, Speculative, fossil fuels, Design fiction, Scenario building

### Overview

Designing for long term sustainability, means imagining futures that doesn't yet exist. To 're-future', is to re-open potential futures that have been taken away from us. This workshop explores 're-featuring' through storytelling and designed artefacts. It examines notions of 'development' in a speculative framework that build "what-if" scenarios that 'short circuit' today's hegemonic 'development agenda'. In the shadow of the present climate emergency, the workshop will mix short lectures with hands-on design doing to explore product- and film designers' capacity to together imagine and convey future worlds with 'enabling speculative products' that can inspire and support climate actions today.

Course Code: **OE2005** | Seats: **14**

**CAMPUS: Gandhinagar**

### Objective

To engage design students to practice their skills beyond Business as Usual frameworks of industrial economy into a much larger sphere of the entire biosphere. To explore what kinds of futures potentially are possible given new preconditions where violent extraction of resources, especially fossil fuels are obsolete. To critically examine the role of their own disciplines in shaping the future.

### Methodology

This workshop blends short lectures with hands-on design doing, where students work together to design rich and radically alternative solutions that tell new stories in new contexts. Blending 'Speculative Product Design', 'Design Fiction', 'Film Sketching', Scenario Building etc. for this purpose.

### Deliverables

Speculative designed artefacts, fiction and film with increased knowledge and critical awareness about futures, climate breakdown. Demonstrate an articulate response. Develop a critical view of development going forward. Documentation and display/exhibition.