

# Course Name: Design Thinking - A Primer

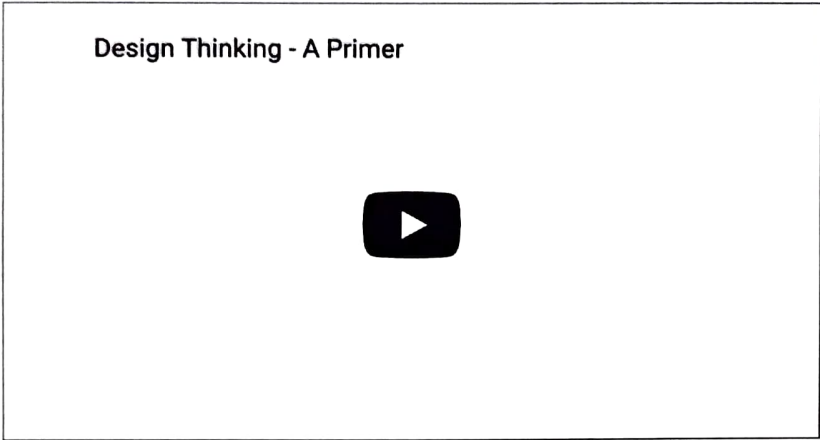
About Course

Certificate Type

Toppers list

Statistics

## Feedbacks



### Course abstract

Design thinking is a systematic method of solving problems. This method is unique that it starts and ends with humans. The design thinkers start by observing, interviewing or just plain experiencing a situation. Then, they proceed to improve the situation of the humans by solving problems for them.

### Course Instructor

Media Object

#### Prof. Ashwin Mahalingam

Dr. Ashwin Mahalingam joined the faculty in the Building Technology and Construction Management division of the Civil engineering department at IIT-Madras in 2006. Ashwin received his B.Tech in Civil engineering from IIT-Madras and then proceeded to Stanford University for a Masters in Construction Engineering and Management. He then helped start up an internet based company in the USA called All Star Fleet, aimed at providing asset management services for construction companies. Following this he returned to Stanford University to pursue a PhD in the area of Infrastructure Project Management. Ashwin's research interests are in the areas of Public Private Partnerships (PPP) in Infrastructure, the management and governance of large engineering projects and the use of digital technologies in construction. Ashwin's

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current research focuses on institutional strengthening and post-award governance of PPP projects in India. Ashwin is also a co-founder of Okapi Advisory Services Pvt. Ltd and serves as a Director on the Board.  
More info ([http://www.civil.iitm.ac.in/?q=ash\\_edu](http://www.civil.iitm.ac.in/?q=ash_edu))

 Media Object

### Prof. Bala Ramadurai

Dr. Bala Ramadurai is an independent innovation consultant and professor. He has 3 patents to his credit and 10+ publications in international research journals. He co-founded TRIZ Innovation India (<http://trizindia.org>) and is an Adjunct Professor at Symbiosis Institute of Business Management, India. He has a PhD from Arizona State University, USA, and a B.Tech from IIT Madras, India.

More info (<http://balaramadurai.net>)

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### Teaching Assistant(s)


No teaching assistant data available for this course yet


 Course Duration : Sep-Oct 2020

 View Course (<http://archive.nptel.ac.in/courses/110/106/110106124/>)

 Enrollment : 20-May-2020 to 21-Sep-2020

 Exam registration : 14-Sep-2020 to 02-Nov-2020

 Exam Date : 18-Dec-2020

  
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**Shaikpet, Hyderabad – 500104**

**Department: Information Technology**

2020-21

REPORT

on

**NPTEL course on Design Thinking - A Primer**

Date of program: 14 Sep 2020 to 09 Oct 2020

Resource person: Dr. Ashwin Mahalingam, IIT Madras,

Prof Dr. Bala Ramadurai, IIT Madras

**About the Program:**

The course gave insights of what to look for before designing a system. It was addressed at four levels Empathize, Analyse, Solve and Test. The design thinkers start by observing, interviewing or just plain experiencing a situation. Then, they proceed to improve the situation of the humans by solving problems for them in a methodical way. This course has given a new perspective for student projects . The resource persons were very involving in giving the insights.



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Signature of the Faculty member

Supriya. ✓