



## **NPTEL ONLINE CERTIFICATION COURSES**

**Course Name: Deep Learning**  
**Faculty Name: Prof. P. K. Biswas**  
**Department : E & ECE, IIT Kharagpur**

### **Topic**

**Lecture 52: Deconvolution/Upsampling**

## CONCEPTS COVERED

### Concepts Covered:

- ☐ FaceNet
- ☐ Filtering/Semantic Segmentation
- ☐ Deconvolution
- ☐ Upsampling



# Convolution/Deconvolution

$x(0)$	$x(1)$	$x(2)$
$x(3)$	$x(4)$	$x(5)$
$x(6)$	$x(7)$	$x(8)$

a	b	c
d	e	f
g	h	i






## **NPTEL ONLINE CERTIFICATION COURSES**

*Thank  
you*

