

STRUCTURAL DESIGN – I

Sl no.	Name of the topic	Link for online lecture videos
1	Design of singly reinforced beam using Working Stress Method	http://egyankosh.ac.in/handle/123456789/37392
2	Design of singly reinforced rectangular beam using Limit State Method	http://egyankosh.ac.in/handle/123456789/37799
3	Design of doubly reinforced beam using Limit state method (Part I)	http://egyankosh.ac.in/handle/123456789/36866
4	Design of doubly reinforced beam using Limit state method (Part II)	http://egyankosh.ac.in/handle/123456789/36865
5	Design of shear using Limit State method	http://egyankosh.ac.in/handle/123456789/37569
6	Design of column using Limit state method	http://egyankosh.ac.in/handle/123456789/37696
7	Design of slab – Part I	https://www.youtube.com/watch?v=PDJPcQq3PZE
8	Design of slab – Part II	https://www.youtube.com/watch?v=6C3trwHjsbE&t=223s
9	Design of slab – Part III	https://www.youtube.com/watch?v=GgatFNtQrBo
10	Design of slab – Part IV	https://www.youtube.com/watch?v=A9JUGWhEW5A&t=645s
11	Design of footing – Part I	https://www.youtube.com/watch?v=8ATp13mOhvg
12	Design of footing – Part II	https://www.youtube.com/watch?v=tKGeo4IRQho

List of link of video lecturers prepared by the faculties

Sl no.	Name of the topic	Link for online lecture videos
1	Design of singly reinforced rectangular beam using Limit State Method	https://www.youtube.com/watch?v=CC4_4CUC6iA&feature=youtu.be
2	Design of doubly reinforced beam using Limit state method	https://www.youtube.com/watch?v=Qpwdx8SYzYc&feature=youtu.be
3	Design of flanged beam using Limit state method – Part I	https://www.youtube.com/watch?v=llrELxo-LhI&feature=youtu.be
4	Design of flanged beam using Limit state method – Part II	https://www.youtube.com/watch?v=bkivZvMLMzU&feature=youtu.be

SURVEYING II

1	Introduction To Surveying, Linear Measurements	https://www.youtube.com/watch?v=Uh7LMnqcgLg&list=PLCYhGkOwO39hxuhBKcH3Q3XoE7TqzFyAb
2	Chaining and Chain Surveying	https://www.youtube.com/watch?v=Uh7LMnqcgLg&list=PLCYhGkOwO39hxuhBKcH3Q3XoE7TqzFyAb
3	Angular Measurement and Compass Surveying	https://www.youtube.com/watch?v=FdkkK11Xroo&list=PLCYhGkOwO39j_V5X6WdYGU23WE-mzmw-k
4	Map Reading Cadastral Maps & Nomenclature	https://youtu.be/l85hzXUKGBs
5	Plane Table Surveying	https://www.youtube.com/watch?v=8IiBetSgAOs&list=PLCYhGkOwO39hIDG9dA3YtXe5dftVGL7po
6	Theodolite Surveying and Traversing	https://www.youtube.com/watch?v=bDd9H7mCyDU&list=PLCYhGkOwO39gIdza4qcElhi4m5hx3E8At
7	Levelling and Contouring	https://www.youtube.com/watch?v=XEqPJLLJ2w0&list=PLCYhGkOwO39jknMh4cHBU19vbBpGsk67F https://www.youtube.com/watch?v=iQTq2nWfjHs&list=PLCYhGkOwO39jds1DIrcijp3hWHFU8b0o6
8	Computation of Area & Volume	https://www.youtube.com/watch?v=e0-kw_zKnsq

HYDRAULICS & IRRIGATION ENGINEERING

1. HYDROSTATICS

https://www.youtube.com/watch?v=KJKKYjJyBDc&list=PLF_7kfnwLFCHXd4k2jaPkHOBMzzGCq7t0

2. Open Channel Flow

https://www.youtube.com/watch?v=X_Gt4-q8wLs

3. Flow over notches and weirs

<https://www.youtube.com/watch?v=vsDtxcLJfg4>

4. Centrifugal Pump

<https://www.youtube.com/watch?v=A-TGkGsbAPI>

5. Irrigation Engineering

https://www.youtube.com/watch?v=u6geM8j9a5U&list=PLSNhedsleX11DcJqgxK5vs_az4hPx9B3I

6. Hydraulic Engineering

<https://www.youtube.com/watch?v=z9wsUWaN-oY&list=PL485F1F6C7083FBE1>

HIGHWAY ENGINEERING

1. HIGHWAY ENGINEERING

i. https://www.youtube.com/watch?v=tIkBEky7WsY&list=PLZmv_MNQCMBjOX9qChv1LCNfqHyFP_4fU

ii. https://www.youtube.com/watch?v=5zKC_aq4ypM&list=PLE88643285BC70E0F

2. TRAFFIC ENGINEERING

<https://www.youtube.com/watch?v=kziTCYk2CZA>

3. HIGHWAY MAINTENANCE

https://www.youtube.com/watch?v=upr_GeTWHt0

4. HIGHWAY DRAINAGE

<https://www.youtube.com/watch?v=7zdngwqVem8>